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Reviewer: Durreshwar Anjum

Timestamp: Wed May 23 14:49:20 EDT 2007

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Validated By CRFValidator v 1.0.2

Application No: 10524355 Version No: 1.0

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Actual SeqID Count: 85

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SEQUENCE LISTING

<110> ELLIOTT, VICKI S.
 KHARE, REENA
 EMERLING, BROOKE M.
 KABLE, AMY E.
 TRAN, UYEN K.
 JIN, PEI
 BECHA, SHANYA D.
 MARQUIS, JOSEPH P
 SWARNAKAR, ANITA
 CHAWLA, NARINDER K.
 RAMKUMAR, JAYALAXMI
 HAFALIA, APRIL J.A.
 LEE, SOO YEUN
 JIANG, XIN
 JACKSON, ALAN A.
 RICHARDSON, THOMAS W.
 BLAKE, JULIE J.
 WANG, JONATHAN T.
 CHIEN, DAVID
 YANG, YONGHONG G.

<120> CELL ADHESION AND EXTRACELLULAR MATRIX PROTEINS

<130> 071949-9301

<140> 10524355

<141> 2007-05-23

<150> 10/524,355

<151> 2005-07-12

<150> PCT/US03/25418

<151> 2003-08-12

<150> 60/403,781

<151> 2002-08-13

<150> 60/407,034

<151> 2002-08-30

<150> 60/410,566

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<151> 2002-09-24

<150> 60/424,904

<151> 2002-11-08

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<151> 2002-11-13

<160> 85

<170> PatentIn Ver. 3.3

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<212> PRT

<213> Homo sapiens

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35 40 45

Gln Glu Gly Asp Asp Glu Ser Ser Ala Val Val Lys Leu Ala Asn Pro
50 55 60

Leu His Phe Tyr Glu Ala Arg Phe Ser Asn Leu Tyr Val Gly Thr Asn
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Gly Ile Ile Ser Thr Gln Asp Phe Pro Arg Glu Thr Gln Tyr Val Asp
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Tyr Asp Phe Pro Thr Asp Phe Pro Ala Ile Ala Pro Phe Leu Ala Asp
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Ile Asp Thr Ser His Gly Arg Gly Arg Val Leu Tyr Arg Glu Asp Thr
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Ser Pro Ala Val Leu Gly Leu Ala Ala Arg Tyr Val Arg Ala Gly Phe
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Pro Arg Ser Ala Arg Phe Thr Pro Thr His Ala Phe Leu Ala Thr Trp
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Ser Tyr Ala Leu Phe Leu Tyr Pro Ala Asn Gly Leu Gln Phe Leu Gly
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Val Gly Phe Cys Arg Gly Glu Ala Asp Asp Leu Lys Ser Glu Gly Pro
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Tyr Phe Ser Leu Thr Ser Thr Glu Gln Ser Val Lys Asn Leu Tyr Gln
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Ala	Leu	Glu	Ser	Asp	Tyr	Asn	Glu	Asp	Asn	Leu	Asp	Tyr	Tyr	Asp	Val	305	310	315
Asn	Glu	Glu	Glu	Ala	Glu	Tyr	Leu	Pro	Gly	Glu	Pro	Glu	Glu	Ala	Leu	325	330	335
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Lys	Pro	Leu	Glu	Glu	Ser	Ser	Thr	Leu	Asp	Pro	His	Thr	Lys	Glu	Gly	355	360	365
Thr	Ser	Leu	Gly	Glu	Val	Gly	Gly	Pro	Asp	Leu	Lys	Gly	Gln	Val	Glu	370	375	380
Pro	Trp	Asp	Glu	Arg	Glu	Thr	Arg	Ser	Pro	Ala	Pro	Pro	Glu	Val	Asp	385	390	395
Arg	Asp	Ser	Leu	Ala	Pro	Ser	Trp	Glu	Thr	Pro	Pro	Pro	Tyr	Pro	Glu	405	410	415
Asn	Gly	Ser	Ile	Gln	Pro	Tyr	Pro	Asp	Gly	Gly	Pro	Val	Pro	Ser	Glu	420	425	430
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Tyr	Pro	Ala	Ser	Asp	His	Thr	Thr	Pro	Leu	Ser	Arg	Gly	Thr	Tyr	Glu	450	455	460
Val	Gly	Leu	Glu	Asp	Asn	Ile	Gly	Ser	Asn	Thr	Glu	Val	Phe	Thr	Tyr	465	470	475
Asn	Ala	Ala	Asn	Lys	Glu	Thr	Cys	Glu	His	Asn	His	Arg	Gln	Cys	Ser	485	490	495
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Pro	His	Arg	Val	Asn	Gly	Lys	Val	Ser	Gly	His	Leu	His	Val	Gly	His	530	535	540
Thr	Pro	Val	His	Phe	Thr	Asp	Val	Asp	Leu	His	Ala	Tyr	Ile	Val	Gly	545	550	555

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Leu	Phe	Ala	Leu	Glu	Lys	Pro	Gly	Ser	Glu	Asn	Gly	Phe	Ser	Leu	Ala
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Glu	Thr	Val	Arg	Ile	Thr	Gln	Thr	Ala	Glu	Gly	Leu	Asp	Pro	Glu	Asn
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Tyr	Leu	Ser	Ile	Lys	Thr	Asn	Ile	Gln	Gly	Gln	Val	Pro	Tyr	Val	Pro
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Ala	Asn	Phe	Thr	Ala	His	Ile	Ser	Pro	Tyr	Lys	Glu	Leu	Tyr	His	Tyr
				660			665				670				
Ser	Asp	Ser	Thr	Val	Thr	Ser	Thr	Ser	Ser	Arg	Asp	Tyr	Ser	Leu	Thr
				675			680				685				
Phe	Gly	Ala	Ile	Asn	Gln	Thr	Trp	Ser	Tyr	Arg	Ile	His	Gln	Asn	Ile
				690			695				700				
Thr	Tyr	Gln	Val	Cys	Arg	His	Ala	Pro	Arg	His	Pro	Ser	Phe	Pro	Thr
705				710			715				720				
Thr	Gln	Gln	Leu	Asn	Val	Asp	Arg	Val	Phe	Ala	Leu	Tyr	Asn	Asp	Glu
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Glu	Asp	Ser	Asp	Pro	Thr	Pro	Val	Asn	Pro	Cys	Tyr	Asp	Gly	Ser	His
				755			760				765				
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785				790			795				800				
Asp	Glu	Asn	Glu	Cys	Ala	Thr	Gly	Phe	His	Arg	Cys	Gly	Pro	Asn	Ser
				805			810				815				
Val	Cys	Ile	Asn	Leu	Pro	Gly	Ser	Tyr	Arg	Cys	Glu	Cys	Arg	Ser	Gly
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Tyr	Glu	Phe	Ala	Asp	Asp	Arg	His	Thr	Cys	Ile	Tyr	Val	Asp	Glu	Cys
				835			840				845				
Ser	Glu	Asn	Arg	Cys	His	Pro	Ala	Ala	Thr	Cys	Tyr	Asn	Thr	Pro	Gly
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Cys Ile Pro Asp Ser Thr Ser Ser Leu Thr Pro Cys Glu Gln Gln Gln			
	885	890	895
Arg His Ala Gln Ala Gln Tyr Ala Tyr Pro Gly Ala Arg Phe His Ile			
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Pro Gln Cys Asp Glu Gln Gly Asn Phe Leu Pro Leu Gln Cys His Gly			
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Ser Thr Gly Phe Cys Trp Cys Val Asp Pro Asp Gly His Glu Val Pro			
	930	935	940
Gly Thr Gln Thr Pro Pro Gly Ser Thr Pro Pro His Cys Gly Pro Ser			
945	950	955	960
Pro Glu Pro Thr Gln Arg Pro Pro Thr Ile Cys Glu Arg Trp Arg Glu			
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Asn Leu Leu Glu His Tyr Gly Gly Thr Pro Arg Asp Asp Gln Tyr Val			
	980	985	990
Pro Gln Cys Asp Asp Leu Gly His Phe Ile Pro Leu Gln Cys His Gly			
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Lys Ser Asp Phe Cys Trp Cys Val Asp Lys Asp Gly Arg Glu Val Gln			
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Gly Thr Arg Ser Gln Pro Gly Thr Thr Pro Ala Cys Ile Pro Thr Val			
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Ala Pro Pro Met Val Arg Pro Thr Pro Arg Pro Asp Val Thr Pro Pro			
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Ser Val Gly Thr Phe Leu Leu Tyr Thr Gln Gly Gln Gln Ile Gly Tyr			
	1060	1065	1070
Leu Pro Leu Asn Gly Thr Arg Leu Gln Lys Asp Ala Ala Lys Thr Leu			
	1075	1080	1085
Leu Ser Leu His Gly Ser Ile Ile Val Gly Ile Asp Tyr Asp Cys Arg			
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Glu Arg Met Val Tyr Trp Thr Asp Val Ala Gly Arg Thr Ile Ser Arg			
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Ala Gly Leu Glu Leu Gly Ala Glu Pro Glu Thr Ile Val Asn Ser Gly			
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Leu Ile Ser Pro Glu Gly Leu Ala Ile Asp His Ile Arg Arg Thr Met			
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Tyr Trp Thr Asp Ser Val Leu Asp Lys Ile Glu Ser Ala Leu Leu Asp			
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Gly Ser Glu Arg Lys Val Leu Phe Tyr Thr Asp Leu Val Asn Pro Arg
 1170 1175 1180

Ala Ile Ala Val Asp Pro Ile Arg Gly Asn Leu Tyr Trp Thr Asp Trp
 1185 1190 1195 1200

Asn Arg Glu Ala Pro Lys Ile Glu Thr Ser Ser Leu Asp Gly Glu Asn
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Arg Arg Ile Leu Ile Asn Thr Asp Ile Gly Leu Pro Asn Gly Leu Thr
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Phe Asp Pro Phe Ser Lys Leu Leu Cys Trp Ala Asp Ala Gly Thr Lys
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Lys Leu Glu Cys Thr Leu Pro Asp Gly Thr Gly Arg Arg Val Ile Gln
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Asn Asn Leu Lys Tyr Pro Phe Ser Ile Val Ser Tyr Ala Asp His Phe
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Tyr His Thr Asp Trp Arg Arg Asp Gly Val Val Ser Val Asn Lys His
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 35 40 45

Val Phe Asn His Val Tyr Asn Ile Lys Leu Pro Val Gly Ser Gln Cys
 50 55 60

Ser Val Asp Leu Glu Ser Ala Ser Gly Glu Lys Asp Leu Ala Pro Pro
 65 70 75 80

Ser Glu Pro Ser Glu Ser Phe Gln Glu His Thr Val Asp Gly Glu Asn
 85 90 95

Gln Ile Val Phe Thr His Arg Ile Asn Ile Pro Arg Arg Ala Cys Gly

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Asn	Cys	His	Leu	Arg	Gly	Arg	Cys	Ile	Asp	Gly	Gln	Cys	Ile	Cys	Asp			
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Asp	Gly	Phe	Thr	Gly	Glu	Asp	Cys	Ser	Gln	Leu	Ala	Cys	Pro	Ser	Asp			
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Cys	Asn	Asp	Gln	Gly	Lys	Cys	Val	Asn	Gly	Val	Cys	Ile	Cys	Phe	Glu			
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Gly	Tyr	Ala	Gly	Ala	Asp	Cys	Ser	Arg	Glu	Ile	Cys	Pro	Val	Pro	Cys			
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Ser	Glu	Glu	His	Gly	Thr	Cys	Val	Asp	Gly	Leu	Cys	Val	Cys	His	Asp			
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Gly	Phe	Ala	Gly	Asp	Asp	Cys	Asn	Lys	Pro	Leu	Cys	Leu	Asn	Asn	Cys			
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Tyr	Asn	Arg	Gly	Arg	Cys	Val	Glu	Asn	Glu	Cys	Val	Cys	Asp	Glu	Gly			
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Glu	Leu	Ser	Cys	Pro	Asn	Asp	Cys	His	Gly	Arg	Gly	Arg	Cys	Val	Asn					
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Gln	Cys	Ile	Cys	His	Glu	Gly	Phe	Thr	Gly	Leu	Asp	Cys	Gly	Gln	His					
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Ser	Cys	Pro	Ser	Asp	Cys	Asn	Asn	Leu	Gly	Gln	Cys	Val	Ser	Gly	Arg					
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Cys	Ile	Cys	Asn	Glu	Gly	Tyr	Ser	Gly	Glu	Asp	Cys	Ser	Glu	Val	Ser					
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Pro	Pro	Lys	Asp	Leu	Val	Val	Thr	Glu	Val	Thr	Glu	Glu	Thr	Val	Asn					
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Leu	Ala	Trp	Asp	Asn	Glu	Met	Arg	Val	Thr	Glu	Tyr	Leu	Val	Val	Tyr					
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675					680					685										
Phe	Ile	Arg	Val	Phe	Ala	Ile	Leu	Glu	Asn	Lys	Lys	Ser	Ile	Pro	Val					
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Ser	Ala	Arg	Val	Ala	Thr	Tyr	Leu	Pro	Ala	Pro	Glu	Gly	Leu	Lys	Phe					

705

710

715

720

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